Sheet 1 of 1

| ORM PT | O-1 | 449 | U.S | . D | EF | A | RT | M | ENT OF | 3112-101 | ET NO. | SERIAL Not assig | | |
|--------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---|------|----------|---------------------|-------------------------------------|---------------------|-----------------------------|----------------|---------------------------------|
| LIST (| | | | | | | | | BY API necessary | APPLICANT Avery Li-Chun Wang et al. | | | | |
| | | | | | | | | | | FILING DATE Filed herewith | | GROUP Not-assigned 245.5 | | |
| | | | | | | | | | | PATENT DO | | | | |
| XAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | N . | AME | CLASS | SUBCLASS | FILING DATI IF APPROPRIAT |
| 8M | A | 5 | 2 | 1 | 0 | 8 | 2 | 0 | 5/11/93 | Kenyon | | 395 | 2 | 5/2/90 |
| JM | В | 4 | 4 | 5 | 0 | 5 | 3 | 1 | 5/22/84 | Kenyon et al. | | 364 | 604 | 9/10/82 |
| JM | С | 4 | 8 | 4 | 3 | 5 | 6 | 2 | 6/27/89 | Kenyon et al. | | 364 | 487 | 6/24/87 |
| Sm | D | 5 | 9 | 1 | 8 | 2 | 2 | 3 | 6/29/99 | Blum et al. | | 707 | 1 | 7/21/97 |
| , | E | | | | | | | | _ | | | | | |
| | F | | | | | | | | | | | | | <u></u> |
| | G | | | | | | | | | , | | | | |
| | н | | | | | | | | | | | | | |
| | | | | | | | | | FORE | GN PATENT | DOCUMENTS | 3 | | |
| | | DOCUMENT ISSUE COUNTRY CLASS SUBCLASS TRANSLA | | | | | | | | | TRANSLATIO | | | |
| | | | NUMBER | | | | DAIL | | | | | YES NO | | |
| | I J | <u> </u> | Ш | | | 4 | | | | | | | | |
| | K | | H | \dashv | \dashv | + | | \vdash | | | _ | | | |
| | | <u> </u> | OT | Ή | ER | P | RI(| OR | ART (I | ncluding Autho | or, Title, Date, Pe | ertinent F | ages, Etc.) | |
| DM | L | OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) J. T. Foote, "An Overview of Audio Information Retrieval." In ACM-Springer Multimedia Systems, Vol. 7 No. 1, pp. 2-11, ACM Press/Springer-Verlag, January 1999 | | | | | | | | | | | | |
| Sm | M | J. T. Foote, "Content-Based Retrieval of Music and Audio." In CC. J. Kuo et al., editor, Multimedia Storage and Archiving Systems II, Proc. Of SPIE, Vol. 3229, pp. 138-147, 1997 | | | | | | | | | | | | |
| 2M | N | M. G. Brown, J. T. Foote, G. J. F. Jones, K. Sparck Jones, and S. J. Young, " <u>Automatic Content-Based Retrieval of Broadcast News."</u> In Proc. <u>ACM Multimedia 95.</u> San Francisco, November 1995. | | | | | | | | | | | | |
| SM | 0 | | Udi Manber, "Finding Similar Files in a Large File System." October 1993, Department of Computer Science, The University of Arizona, Tucson Arizona 85721 | | | | | | | | | | | |
| XAMIN | <u></u> | | | | | | | | landy | | TE CONSIDER | 20- | | |
| EXAMIN | | Initia ce ar | | | | | | | | ner or not citation | is in conformance v | vith MPEP | 609; Draw line | through citation |

AUS 3 0 2002

#4

| SKMOP | SENIAL NO/. SERIAL NO/. SHZ-101 SERIAL NO/. 09/839,476 | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|-------------|-----------|-------------|------------|--------------|----------------------------|-----------------------|---------------------------|-----------------------------------------------------------------------|---------------------------------------|--|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) APPLICANT Avery Li-Chun Wang et al. | | | | | | | | | | | | | | |
| | | | | | | _ | | | | | FILING DATE 04/20/2001 | GROUP 2171 2688 | | |
| · | U.S. PATENT DOCUMENTS | | | | | | | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | | DA | TE | | NAME | RELEVANT INFORMATION | |
| M | A | 5 | 9 | 1 | 8 | 2 | 2 | 3 | 6/29/99 | | Blu | ım et al. | 707/1 | |
| JM | В | 4 | 8 | 5 | 2 | 1 | 8 | 1 | 7/25/89 | | Mo | orito et al. | 381/46 | |
| | С | | | | | | | | | | <u> </u> | | | |
| | D | | | | | | | | | | BECEIVED | | | |
| | E | | | | | | | | | - | | | 6 2002 | |
| | F | | | | | | | | | | | | | |
| | G | | | | | | | | | | | Technology | Center 2100 | |
| | н | | | | | | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | |
| | | 2 | DOCUMENT | | | | IT. | NUMBER | DATE | | COUNTRY | TRANSLATION | | |
| | | | letter code | | | | | | | | | | YES NO | |
| IM | Ī | W | 0 | 01/88900 A2 | | | | | 2 11/22/01 | | | PCT | TES NO | |
| √M | J | W | | | | | | | 1/18/200 | | | PCT . | | |
| ΛŽ | J' | W | 0 | | | | | | | 11/22/01 PCT | | | | |
| | | | O | H | ER | P | RI | OF | R ART (In | cluding . | Auth | nor, Title, Date, Pertinent Page | es, Etc.) | |
| SM | K | | Sl J. | har A(| len CO | e A | A. I ST | iu S . | , "Landm OC. AM. | ark detec 100 (5), | tion NO | for distinctive feature-based s VEMBER 1996, PP. 3417-343 | peech recognition," 30. | |
| | | | | | | | | | | | | | | |
| | L | | | | | | | | | | | | | |
| | M | ┼- | \vdash | | | | | _ | | | | | | |
| | | | | | | | | | | | | | | |
| | N | <u> </u> | \vdash | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | |
| EXAMINER MATE CONSIDERED | | | | | | | | | | | | | | |
| | * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if | | | | | | | | | | | | | |
| * EXAMIN | ER: | Initia ce ar | al if | ref | ere | nce side | cor | ısid . Iı | ered, wheth sclude copy | er or not c | itatio m wi | n is in conformance with MPEP 609 th next communication to applicant. | P; Draw line through citation if | |